Medomics
TESTS FOR LIFE

INDEPTHUS ANNAN

SARS-CoV-2 Antigen Test Kit (LFIA)

TESTS FOR LIFE

Company Profile

Jiangsu Medomics Medical Technology Co., Ltd., founded in October 2017, is located at Biotech and Pharmaceutical Valley of the National Jiangbei New Area, Nanjing, Jiangsu Province. It is an international high-tech enterprise driven by innovation in the area of medical devices R&D, production and sales. Medomics focuses on diagnosis of microorganisms, tumors and some rare diseases, mainly engaged in the research and development, production and sales of in vitro diagnostic reagents and automatic instruments.

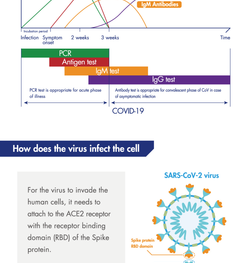
At the very beginning of COVID-19 on early 2020, Medomics developed IgM/IgG antibody detecting kit with the team of Zhong Nanshang. And Medomics published the first research paper on international journal together with State Key Laboratory of Respiratory Disease (National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health). The detecting kit was validated by CDC, Harvard Medical School and Columbia University Irving Medical Center etc. Until May 2020, the kit has been exported to dozens of countries and areas, making great help against SARS-Cov-2.

At present, Medomics's series product of SARS-Cov-2 detection have been developed according to ISO 13485 Quality system and European CE Certification.

Testing Methods for SARS-Cov-2

SARS-Cov-2
Antigen Test Kit(LFIA)
Nasal/Throat
Swab Test (Infection)

Determines if someone is infected by detecting the presence of viral material.



How does the virus infect the cell

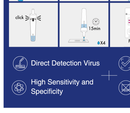
For the virus to invade the human cells, it needs to attach to the ACE2 receptor with the receptor binding domain (RBD) of the Spike protein.

If this interaction is blocked, with a Neutralizing/blocking antibody, the virus can not invade the cell.

Test design and principle

- Colloidal gold-labeled anti-SARS-CoV-2 antibody and quality control antibody colloidal gold marker are sprayed on conjugation pads.
- Test line T is fixed with anti-SARS-CoV-2 antibody for detecting the novel coronavirus. The quality control antibody is fixed on the C line.

Product introduction

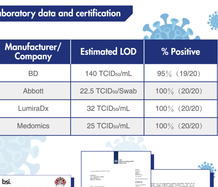


Packing size: 20 tests/kit

Specimen type: Nasal swabs, Throat swabs, BALF

Storage: 2-30°C

Shelf Life: 12 months



- Direct Detection Virus
- Easy Operation Fast
- High Sensitivity and Specificity
- No instruments Required

Laboratory data and certification

Manufacturer/ Company	Estimated LOD	% Positive
BD	140 $TCID_{50}$/mL	95% (19/20)
Abbott	22.5 $TCID_{50}$/Swab	100% (20/20)
LuminaDx	32 $TCID_{50}$/mL	100% (20/20)
Medomics	25 $TCID_{50}$/mL	100% (20/20)

Connect us

Medomics

Tel/(+86)25-58601213
Web/ www.medomicsdx.com
Email/ info@medomicsdx.com
ADD/ F3 Building, No.3 Xinyuhu Road Jiangbei New Area Nanjing China